



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Terrell Neils Andersen et al.)
 Serial No.: 09/610,821) Art Unit: 1741
 Filing Date: July 6, 2000) Examiner: Arun S. Phasge
 Priority Date: December 21, 1998)
 For: HIGH DISCHARGE CAPACITY)
 ELECTROLYTIC MANGANESE)
 DIOXIDE AND METHODS OF)
 PRODUCING THE SAME)

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 Box AF
 Commissioner for Patents
 Washington, D. C. 20231

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Amendment A

Sir:

In response to the Official Action mailed on March 27, 2002, the Applicants, through their attorney, respond as follows:

Please amend the pending application as follows:**In the claims:**

Please amend the claims to read as follows:

17. An improved cathode material comprising EMD, said EMD having an AA-cell discharge capacity at a 1 watt discharge rate of about 68.2 milliampere hours per gram or higher and an AA-cell discharge energy at a 1 watt discharge rate of about 755 milliwatt hours or higher.

18. An improved cathode material comprising EMD, said EMD having an intrinsic discharge capacity of about 254.6 milliampere hours per gram or higher.